

**In the Claims:**

1. (previously presented) A styrene-free, unsaturated polyester resin composition consisting essentially of:

- A. an unsaturated polyester not derived from dicyclopentadiene;
- B. a urethane (meth)acrylate;
- C. a hydroxyl-functionalized (meth)acrylate monomer; and
- D. a multifunctional (meth)acrylate monomer,

wherein the resin composition is curable under an air atmosphere at ambient temperatures and contains less than about 3 weight percent of hazardous air pollutants.

2. (original) A composition as defined by Claim 1 wherein the unsaturated polyester has a weight average molecular weight from about 1000 to about 12000.

3. (original) A composition as defined by Claim 1 wherein the unsaturated polyester has a weight average molecular weight from about 1500 to about 8000.

4. (original) A composition as defined by Claim 1 wherein the urethane (meth)acrylate is a product of a difunctional or polyfunctional isocyanate with a hydroxyl-functionalized (meth)acrylate.

5. (original) A composition as defined by Claim 1 wherein the urethane (meth)acrylate is present in an amount from about 10 to about 40 percent by weight.

6. (original) A composition as defined by Claim 1 wherein the hydroxyl-functionalized (meth)acrylate monomer is present in an amount from about 5 to about 40 percent by weight.

7. (original) A composition as defined by Claim 1 wherein the multifunctional (meth)acrylate monomer is selected from the group consisting of 1, 4 - butanediol diacrylate, 1,6 - hexanediol diacrylate, diethylene glycol diacrylate, 1,3 - butylene glycol diacrylate, neopentyl glycol diacrylate, cyclohexane dimethanol diacrylate, dipropylene glycol diacrylate, ethoxylated bisphenol A diacrylate, trimethylolpropane, triacrylate, pentaerythritol triacrylate, pentaerythritol tetracrylate, the methacrylate analogues of such monomers and a mixture thereof.

8. (original) A composition as defined by Claim 1 wherein the multifunctional (meth)acrylate monomer is present in an amount from about 5 to about 40 percent by weight.

9. (original) A composition as defined by Claim 1 wherein the unsaturated polyester is present in an amount from about 20 to about 70 percent by weight.

10. (currently amended) A composition as defined by Claim 1 wherein the hydroxyl-functionalized (meth)acrylate monomer is selected from the group consisting of 2-hydroxyethyl methacrylate, 2-hydroxypropyl methacrylate, 2-hydroxypropyl acrylate, ~~analogues of such monomers and a mixture~~ mixtures thereof.

11. (original) A composition as defined by Claim 1 wherein the unsaturated polyester has an acid number of less than about 50.

12. (original) A composition as defined by Claim 1 wherein the unsaturated polyester is at least partially derived from an epoxy allyl ether or a hydroxyl-functionalized allyl ether.

13. (original) A composition as defined by Claim 12 wherein the epoxy allyl ether or hydroxyl-functionalized allyl ether is used in an amount up to about 30 percent, by weight, based on an initial polyester synthesis charge.

14. (original) A composition as defined by Claim 1 wherein the unsaturated polyester is at least partially derived from an epoxy functionalized (meth)acrylate.

15. (previously presented) A composition as defined by Claim 14 wherein the epoxy functionalized (meth)acrylate is used in an amount up to about 30 percent by weight, based on an initial polyester synthesis charge.

16. (original) A composition as defined by Claim 1 wherein the urethane (meth)acrylate is derived from an aliphatic isocyanate.

17. (original) A composition as defined by Claim 1 which contains up to about 10 percent by weight of a thixotropic agent.

18. (original) A composition as defined by Claim 1 which contains up to about 40 percent by weight of a pigment.

19. (original) A composition as defined by Claim 1 which contains up to about 5 percent by weight of a suppressant.

20. (original) A composition as defined by Claim 1 which contains up to about 10 percent by weight of an ultraviolet light absorber or ultraviolet light stabilizer.

21. (original) A composition as defined by Claim 1 wherein the resin composition is cured by a free-radical initiator.

22. (cancelled)

23. (cancelled)

24. (cancelled)

25. (previously presented) A process for the manufacture of a styrene-free, unsaturated polyester resin composition, wherein the process consists essentially of mixing:

- A. an unsaturated polyester not derived from cyclopentadiene;
- B. a urethane (meth)acrylate;
- C. a hydroxyl-functionalized (meth)acrylate monomer; and
- D. a multifunctional (meth)acrylate monomer,

wherein the resin composition is curable under an air atmosphere at ambient temperatures and contains less than about 3 weight percent of hazardous air pollutants.

26. (cancelled)

### **Explanation**

An Amendment After Final Rejection was mailed on March 30, 2007 to the U.S. Patent and Trademark Office. The Examiner subsequently issued an April 13, 2007 Office Action (Advisory Action Before the Filing of an Appeal Brief/Notice of Non-Compliant Amendment) on the basis that the proper status identifier was not shown for all claims.

In response, applicants are re-submitting the previously-filed Amendment After Final Rejection, with the only changes being as follows:

1. The status identifiers for Claims 1, 15 and 25 are now shown as “previously presented” instead of “amended”; and
2. A copy of the March 29, 2007 Declaration of John E. McAlvin is attached, as the original Declaration was submitted with the previously-filed Amendment After Final Rejection.

Applicants, submit that all issues raised in the April 13 Office Action have been overcome.